

Frequently Asked Questions

Is the OLED Rocker capable of displaying animations?

Yes. The OLED Rocker response time is 0.2ms which is the best among all the display technologies. The bottle neck is normally the communication speed. Over 100 frames per second of data can be transmitted to the OLED Rocker. Most videos are 25 to 30 frames per second.

What is aging?

Aging for the OLED Rocker is refers to the reduction in brightness over time. Specifically the OLED life is defined as the time it takes for the brightness to reach half the original state. See Section 11 above on the operating life time of the OLED.

Does the power up/down sequence have to be followed?

Yes. The power up sequence must be observed. If VCC powers the circuit before VDD is activated the circuit could latch and damage the OLED.

For the power down sequence VCC can not be present after VDD is off. Simultaneous turn off is possible as long as VCC is examined to confirm that it does not have too much capacitance charge after turn off.

Are subassemblies with SmartSwitches included available?

Yes. NKK Switches has many development kits and also entertains custom designs.

Is NKK Switches planning to develop other sizes of the OLED Rocker?

NKK Switches is interested in developing new OLED Rocker products if there is a large quantity requirement. Customer feedback is considered when deciding what new products to develop. Feedback and/or application requirements are much appreciated.